

Section 825—Asphalt Plank

825.1 General Description

This section includes the requirements for pre-molded asphalt plank.

825.1.01 Related References

A. Standard Specifications

General Provisions 101 through 150.

B. Referenced Documents

AASHTO M 46

825.2 Materials

825.2.01 Premolded Asphalt Plank

A. Requirements

Use premolded asphalt plank that meets the AASHTO M 46 requirements.

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

General Provisions 101 through 150.

D. Materials Warranty

General Provisions 101 through 150.

Section 826—Dampproofing or Waterproofing Material

826.1 General Description

This section includes the requirements for material used as a mopping coat in dampproofing or as mopping cement for a waterproof membrane system.

826.1.01 Related References

A. Standard Specifications

General Provisions 101 through 150.

B. Referenced Documents

AASHTO M 118

AASHTO M 121

826.2 Materials

826.2.01 Bituminous Material for Dampproofing or Waterproofing

A. Requirements

Use a bituminous material that contains a primer coat and a sealer or mopping coat.

1. Primer

Use a primer coat that meets the requirements of AASHTO M 121.

2. Sealer or Mopping Coat

Use a coal-tar pitch that meets the requirements of AASHTO M 118.

3. Coal-Tar Pitch Types

Unless otherwise specified, use pitch Type I or Type II, as defined below, only when required by the Contract. Use Type I on vertical surfaces and Type II on flat surfaces.

a. Type I Pitch

A mopping coat for built-up roofs surfaced with slag or gravel. If the roof has nails, use the coat on inclines not exceeding 3 in/ft (75 mm/300 mm). If the roof does not have nails, use the coat on inclines not exceeding 1 in/ft (25 mm/300 mm).

A mopping coat for dampproofing or a plying cement for building a membrane system of waterproofing above ground level. Do not use this material if it will be exposed to temperatures over 125 °F (52 °C).

NOTE: This type of coal-tar pitch is suitable on railroad bridges, tanks, retaining walls, culverts, dams, conduit, etc.

b. Type II Pitch

A mopping coat for dampproofing or a plying cement in building a membrane system of waterproofing below ground level. Use this material for roofs exposed to moderate temperatures during installation and service.

B. Fabrication

General Provisions 101 through 150.

C. Acceptance

See the requirements in AASHTO M 118 and M 121.

D. Materials Warranty

General Provisions 101 through 150.

Section 828—Hot Mix Asphaltic Concrete Mixtures

828.1 General Description

This specification includes the requirements for hot mix asphaltic concrete mixtures, including:

- Open-graded surface mixtures
- Stone Matrix Asphalt mixtures
- Superpave asphaltic concrete mixtures
- Fine-graded mixtures

828.1.01 Definitions

Nominal Maximum Sieve Size: One standard sieve size larger than the first sieve to retain more than ten percent.

828.1.02 Related References

A. Standard Specifications

Section 800—Coarse Aggregate

Section 802—Aggregates for Asphaltic Concrete

Section 820—Asphalt Cement

Section 831—Admixtures

B. Referenced Documents

AASHTO TP 4

AASHTO PP 2